



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Application of:

Docket No. 30621-DIV1-CIP1

SANDERS, John L. et al

Serial No. : 10/708,653

Group Art Unit No: 1713

Filed: 3/17/04

Examiner:

ANIONIC POLYMERS COMPOSED OF
DICARBOXYLIC ACIDS AND USES
THEREOF

Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

TRANSMITTAL

Transmitted herewith are: Express Mail Transmittal (1 pg); Information Disclosure Statement (1 pg.); References Cited (3 pgs.) and return post card (1 pg.)

EL 973754063 US

Respectfully submitted,

Date: September 28, 2004

By 
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THE UNITED STATES PATENT AND TRADEMARK OFFICE

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INFORMATION DISCLOSURE STATEMENT

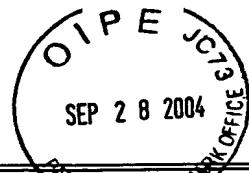
The attached references are being filed to fulfill the duty of candor and good faith toward the Patent and Trademark Office, as required by 37 C.F.R. §1.56.

Respectfully submitted,

HOVEY WILLIAMS LLP

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FORM PTO-1469, 1470 & 1471 DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE (Rev. 2-32)								ATTY. DOCKET NO. ◆30621-DIV1-CIP1	SERIAL NO. ◆10/708,653	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)								APPLICANT: ◆SANDERS, John L. et al.		
								FILING DATE: ◆03/17/04	GROUP: ◆ 1713	CONF. NO: ◆

U.S. PATENT DOCUMENTS

EXAM. INITIAL	DOCUMENT NUMBER							INVENTOR NAME	CLASS	SUB-CLASS	ISSUE DATE (PATENT); PUBLICATION DATE (PUBLISHED APPLICATION); OR FILING DATE (NON-PUBLISHED APPLICATION)
	3	2	6	8	4	9	1	Hattori et al			8/23/66
	5	2	6	4	5	1	0	Swift et al			11/23/93
	5	1	9	1	0	4	8	Swift et al			3/2/93
	3	8	8	7	4	8	0	Rue et al			6/3/75
	5	8	5	4	1	7	7	Koskan et al			12/29/98
	4	5	7	5	3	9	1	DeBoodt et al			3/11/86
	3	0	7	7	0	5	4	Niemeijer et al			2/12/63
	2	8	1	6	0	8	3	Shearer			12/10/87
	2	7	1	6	0	9	4	Morrill			8/23/55
	2	6	5	2	3	8	0	Hedrick et al			9/15/53
	2	6	5	2	3	7	9	Hedrick et al			9/15/53
	2	6	5	1	8	8	6	Mowry et al			1/13/53

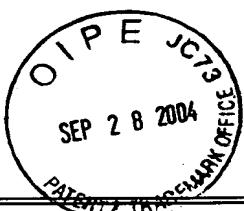
FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
							YES NO

OTHER DOCUMENTS (Including Publisher, Author, Title, Relevant Pages, and Date and Place of Publication)

		Translation - Ushakov et al.; Maleic Anhydride-Vinyl Acetate Copolymerization and Hydrolysis; Russian J. App. Chem., Vol. 24, Issue 5, pp. 485-489 (1951) (*Unable to locate copy of article)
		Mortvedt et al.; Fertilizer Technology and Application; Chapter 3, Phosphorus fertilizers, pp. 33-44 (*Unable to locate copy of article)
		Patent Abstracts of Japan, Publication #2001-089283; 3/04/01, pages 1-4 (*Unable to locate copy of article)

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) U.S. PATENT AND TRADEMARK OFFICE								ATTY. DOCKET NO. ◆30621-DIV1-CIP1	SERIAL NO. ◆10/708,653	
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U.S. PATENT DOCUMENTS

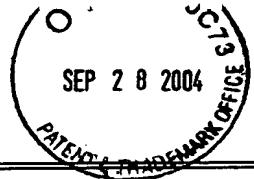
EXAM. INITIAL	DOCUMENT NUMBER							INVENTOR NAME	CLASS	SUB- CLASS	ISSUE DATE (PATENT); PUBLICATION DATE (PUBLISHED APPLICATION); OR FILING DATE (NON-PUBLISHED APPLICATION)
	2	5	5	5	0	4	9	Lyne			5/29/51
	2	6	2	5	4	7	1	Mowry et al.			1/13/53
	4	0	4	4	1	9	6	Huper et al.			08/23/77
	4	5	5	9	1	5	9	Denzinger et al.			12/17/85
	5	6	5	6	6	4	5	Perner et al.			8/27/77
	6	0	3	3	4	4	2	Denzinger et al.			3/7/00
	6	5	1	5	0	9	0	Sander et al			2/2003
	5	1	8	8	6	5	4	Manalastas et al.			2/23/93
	5	6	3	0	8	6	1	Yaniv			5/20/97
	6	1	8	7	0	7	4	von Locquenghien et al.			2/13/01
	6	2	8	7	3	5	9	Erhardt, Klaus			9/11/02
	5	5	6	3	2	3	8	Bonsignore, Patrick			10/8/96

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